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PATENT
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Walter et al.

Art Unit: 1614

Serial No.: 09/292,862

Examiner:

Filed: April 16, 1999

Title: NOVEL MUTATIONS IN THE *FREAC3* GENE
FOR DIAGNOSIS AND PROGNOSIS OF GLAUCOMA
AND ANTERIOR SEGMENT DYSGENESIS

Assistant Commissioner for Patents
Washington, D.C. 20231

PRELIMINARY AMENDMENT

Prior to examination, kindly amend the application as follows.

5 In the Claims

Amend claim 1 as follows.

1. (Amended) A method of diagnosing a mammal for an increased likelihood of having a developmental defect or developing a disease of the eye, said method comprising analyzing nucleic acid of said mammal to determine whether said nucleic acid contains a mutation in a *FREAC3* gene, wherein the presence of said mutation is an indication that said mammal has an increased likelihood of developing a disease of the eye.

10

Sub D1

✓
Add the following new claim.

A2
343 Ba
15. The method of claim 1, wherein said developmental defect is a cardiac defect or an eye defect, wherein said eye defect is anterior segment dysgenesis.

Support for the Amendments

5 Support for the amendment to claim 1 and new claim 15 may be found, e.g., at page 3, lines 15 through 22, and at page 38, lines 9 through 10. No new matter has been added by this amendment.

Please apply any charges or any credits to Deposit Account No. 03-2095.

Respectfully submitted,

10 Date: August 27, 1999

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